

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188	
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1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE January 27.1997	3. REPORT TYPE AND DATES COVERED Final 3/1/94 - 2/28/97		
4. TITLE AND SUBTITLE End of Project Summary		5. FUNDING NUMBERS C - N00014-94-1-0496		
6. AUTHOR(S) Jose L. Ardai Jr. Suzanne H. O'Hara				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Lamont Doherty Earth Observatory of Columbia University 61 Rt.9W Palisades, New York 10964		8. PERFORMING ORGANIZATION REPORT NUMBER		
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) Office of Naval Research		10. SPONSORING/MONITORING AGENCY REPORT NUMBER		
11. SUPPLEMENTARY NOTES The view, opinions and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy, or decision, unless so designated by other documentation.				
12a. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited.		12b. DISTRIBUTION CODE		
13. ABSTRACT (Maximum 200 words) Work performed under the above contract is described. Data collected on the SIMI project was analyzed, distributed and a data report Written. Software developed was enhanced and used on other ONR sponsored projects. Planning work was accomplished for other ONR funded projects . Further development work was done on the LDEO developed RPV.				
14. SUBJECT TERMS SIMI, RPV		15. NUMBER OF PAGES 1		
		16. PRICE CODE		
17. SECURITY CLASSIFICATION OF REPORT UNCLASSIFIED	18. SECURITY CLASSIFICATION UNCLASSIFIED	19. SECURITY CLASSIFICATION OF ABSTRACT UNCLASSIFIED	20. LIMITATION OF ABSTRACT UL	

End of Project Summary

Principal Investigators: Dr. Kenneth Hunkins, J.L. Ardai Jr., S.H. O'Hara

Project Title: Arctic Logistics and Software

Institution: Lamont Doherty Earth Observatory of Columbia University

Address:

61 Route 9W
Palisades, New York 10964

Telephone/Fax/E-Mail:

Telephone - 914 365-8381
Fax - 914 359-6940
E-Mail - hunkins@ldeo.columbia.edu
jay@ldeo.columbia.edu
sohara@ldeo.columbia.edu

Grant Number: N00014-94-1-0496

Grant Start and End Dates: 03/01/1994 - 02/28/1997

Goals and Objectives: Hydrographic data collected during the SIMI project was post processed. The data report generated was distributed to interested scientists and presented in a poster session at the Workshop on SIMI and Arctic Modeling held in Anchorage, AK April 1995. Digital data was also distributed.

Programs developed under the previous contract were expanded to include more features and used by other institutions for data reduction of SIMI data. In addition, these enhanced programs were used on ONR funded research activities by other Lamont scientists. Software development and guidance was provided to other SIMI scientists.

Further development was accomplished on the low-cost RPV developed for the SIMI project, with additional test flights and more training of operators. Several configurations of instruments were carried and photographic operation tested successfully.

Planning work was done for both SHEBA and SCICEX programs. One investigator (Ardai) participated in both projects

Approach:

The above objectives were completed with the supervision of J. Ardai and S. O'Hara. Some of the equipment developed during the funding period were:

- Further development of the UNIX based data logging system. Enhancements added were additional navigation functions and easier support of serial devices. During this period the system was changed to SOLARIS for future compatibility.
- Maintenance of database of ONR Arctic equipment located at LDEO
- Continued support of ONR equipment returned from SIMI and SCICEX

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